

## Product datasheet for **TA341925**

### NRG1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide directed towards the middle region of human NRG1. Synthetic peptide located within the following region: SEVQVTVQGDKAVVSFEPSAAPTPKNRIFAFSFLPSTAPSFSPTRNPEV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	neuregulin 1
Database Link:	<a href="#">NP_039253</a> <a href="#">Entrez Gene 3084 Human</a> <a href="#">Q02297</a>



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<b>Background:</b>	The protein encoded by this gene is a membrane glycoprotein that mediates cell-cell signaling and plays a critical role in the growth and development of multiple organ systems. An extraordinary variety of different isoforms are produced from this gene through alternative promoter usage and splicing. These isoforms are expressed in a tissue-specific manner and differ significantly in their structure, and are classified as types I, II, III, IV, V and VI. Dysregulation of this gene has been linked to diseases such as cancer, schizophrenia, and bipolar disorder (BPD). [provided by RefSeq, Jun 2014]
<b>Synonyms:</b>	ARIA; GGF; GGF2; HGL; HRG; HRG1; HRGA; MST131; MSTP131; NDF; NRG1-IT2; SMDF
<b>Note:</b>	Immunogen Sequence Homology: Human: 100%; Pig: 91%; Bovine: 91%; Guinea pig: 91%
<b>Protein Families:</b>	Druggable Genome, Secreted Protein, Transcription Factors, Transmembrane
<b>Protein Pathways:</b>	ErbB signaling pathway

**Product images:**

NRG1 (neuregulin 1) Antibody (against the middle region of NRG1) (50ug) validated by WB using Jurkat cell lysate at 0.2-1 ug/ml.